

RANGER COMMERCIAL



Self-guided,
autonomous robot
pushing the ration
several times a day.

DETAILS

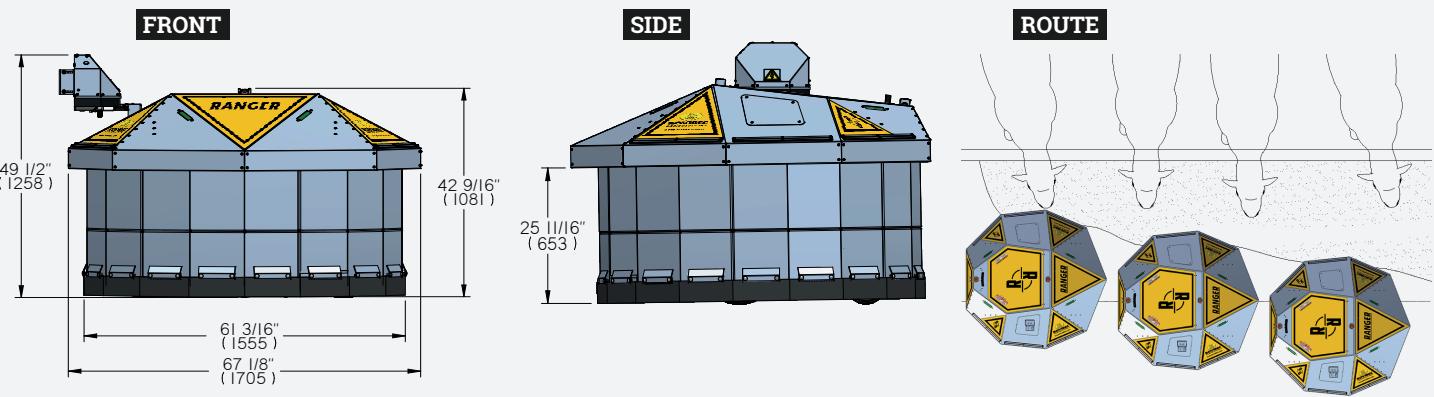
- Automatically adapts the food pushing distance to the curb, with no programming
 Variation automatique de la distance de repouss à la mangeoire, sans programmation
 Selbsttätige Veränderung der verschobene Distanz zum Futtertrog, ohne Programmierung
 Adapta automáticamente la distancia de distribución de la comida a los bordes, sin necesidad de programación
 Regola in modo automatico la quantità di cibo spingendo verso il bordo, senza nessun tipo di programmazione
- Increased consumption of ration and milk production according to journal of animal science
 Augmente la consommation des animaux et la production de lait selon l'étude du Journal of Animal Science
 Vollerbrauch der Rationen erhöht die Milchleistung laut Journal of Animal Science
 Mayor consumo por ración y, por lo tanto, incremento de la producción de leche de acuerdo con el Journal of Animal Science
 Aumenta il consumo delle razioni e quindi la raccolta di latte rispettando i criteri del Journal of Animal Science
- Simple, efficient and reliable thanks to the ground-inserted magnet strip: no risk of loss of control and low maintenance
 Simple, efficace et fiable grâce au guidage d'une bande magnétique insérée dans le sol: aucun risque d'éloignement dangereux et entretien facile
 Einfach, effizient und zuverlässig durch einen Boden-eingefügten magnetstreifen: keine Gefahr von Verlust der Kontrolle und Pflegeleichtausrüstung
 Sencillo, eficiente y seguro gracias a la cinta magnética de su base: no existe riesgo de pérdida de control y mantenimiento reducido
 Semplice, efficiente e affidabile grazie al nastro magnetico inserito a terra: nessun rischio di Perdita di controllo e manutenzione minima



STANDARD vs. COMMERCIAL

- Motorized rotating skirt increases pushing efficiencies
 Rotation du châssis motorisé qui permet une meilleure poussée avec moins d'effort
 Erhöhung der Schubwirkung durch motorisierte rotierende Schürze
 El faldón con movimiento monitorizado aumenta la eficacia del empuje
 La piastra rotante motorizzata migliora l'efficienza della spinta
- Designed for very large herds, more power than the standard version: pushes back more than 100 lbs/ft (150Kg/m)
 Version conçue pour les très grands troupeaux, plus de puissance que la version standard: repousse plus de 100 Lbs/pi (150Kg/m)
 Für sehr grosse Herden entworfene Version, mehr Leistung als Standardversion: schubt mehr als 100 Lbs/pi (150Kg/m)
 Versión diseñada para rebaños muy grandes, más potencia que la versión estándar: repele más de 100 lbs/pi (150kg/m)
 Versione progettata per mandrie molto grandi, più potenza rispetto alla versione standard: respinge più di 100 lbs/pi (150kg/m)

TECHNICAL DRAWING



TECHNICAL DATA

POWER	Electric 24 VDC
BATTERY	4 X 110 amp/hrs - 12 VDC AGM battery -
RECHARGE	Automatic charger using 24VDC - 15 AMP operating on 120/240 VAC. Multiple charging locations available as an option
TRACTION	2 X ½ HP (375 W) Electric motor (1 per wheel)
SPEED	30 ft/min (15 m/min)
ROTATING SKIRT	3 rpm - independent ½ HP (375 W)
OPERATING RATIO – CHARGING / RUN TIME	50/50
MAX RUNNING TIME	1h - 2400 ft (730 m)
NBR OF DEPARTURE	Up to 40
PATH OPTION	Closed circuit, Open, possibility of junctions
GUIDING SYSTEM	1/8in X 1/2in (3,2 mm X 12,7 mm) magnetic strip inserted into grooved floor
MANUAL MODE	User friendly Remote Control
WEIGHT	2160lbs (980kg)
PUSHING FORCE	600 Lbs (272 kg)
DISTANCE TO THE CURB	Adjustable distance, up to 24" (60 cm)
SHIELD AND COVER	304 Stainless steel
FRAMEWORK	Powder coated paint
MINIMUM SPACE REQUIRED FOR HALF-TURN	96" (244cm)
SAFETY	Temporary stop on collision
OPTION	24 volts electrifier